Record Group 104. Entry 28.

Assay of Melters and Refiners Nickle Ingots. 1868.

Digitized October 24, 2023, Philadelphia, Pennsylvania.

Box 10, Book 9, for 1868.

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RG 104 RECORDS OF THE BUREAU OF THE MINT

Records of the U.S. Mint at Philadelphia
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ASSAY WORKBOOKS, 1795-1905

Box 10 NC-152 Entry 20

HC1-80523408 10

WILLIAM MANN
Stationer
43 South 4th Street
PHILADELPHIA.

Sanf. 3d 1868 Nickel cigots
No 1 to 54 inclusive.

1412 84.31

13780 24.8

Sanf 4 54 Nts 55. 110

1430

Sanf 6 42 111- 152

1400 81

1365 24.5

Sanf-7 50 153- 202

1410 80- 30

24-7

Sanf 7 4 boxes of Nickel

No. 24-26-27-28 2118

Car time 55

56

390

325

2625 ox cal 3640

1.82

2565 96-17

Jany 8 49 Melts. 203 - 251

1412

1365 24.7

Jany 9 55 Mlts. 252 - 306

1420 86

1388 25 Repl -

Jany 10th 52 Mlts. 307 - 358

1410 85

1365 24.6 Re

Jany 11th 54 Mlts 359 - 412

1425 92

1400 25

Jany 13th 42 Mlts 413 - 454

1390

1365 24.7 Repl

Jan 14th 54 Mlts Mlts 455 - 508

1410 77 - 45

1375 24.64

Repl 24.7

Camp 11th & Boxes of Niches

~~At~~ No 29. 31. 32-33

2440 78. 32

2584 97.

2610 2665 - 2587 77. 32

2545 95.8 92. 32

Camp 15 5th mile 509. 514

1435 90 45

1495 248

Camp 16 5th mile 518 - 518

1410 90 -

1360 24-3

Camp 17th 5th mile 519 - 572

114 77. 45

1350 24.4

Camp 18 5th mile 573 - 727

1475 105 - 45

1420

25

2 boxes of Nickel Nos 25-30

2660 80.36441

2575 94.7

Jany 23 53 melts Nos 728-780

1429 85-31

1360 24.5

Jany 24 25 melts 781-808

1415 80-32

1392 25

Jany 25 20 Mts 809-828

1467 90-32

1375 24.6

Jany 27 18 Mts 829-846

1439

1385 25.2

Jany 28th 20 Mts 847-866

1407

1350 24.5

Jan. 29th 20 Mc. 867 - 890

1400

1390 25.4

Jan 30 31 Mc. 891 - 921

1385 120 - 30

1355 23.7

Jan 31st 31 Mc 922 - 952

1407 118.30

1340

Feb 1st 37 Mc. 953 - 989

1407 118 - 30

1340 23.5

Feb 3 16 Mc. 990 - 1005

1385 65 -

1356 24.0

Feb 4 28 Mc. 1006 - 1028

1400 106

1346 23.8

Feb 5 28 Mts

1436

1405 25.4

Feb 6th 32 Mts

1420

1390 25.2

Feby 7th 36 melts

1445-

1400 25.4

Feb 8 42 M

13800

1325 24

Feb 10 27 Mts

1435

1390 24.9

Feb 14th 35 Mts

1435

1390 24.9

1029-1045

76 - 36

1057-1088

73-30

1089-1124

75.30

1125-1166

75.30

1167-1193

80.30

1194-1228

3 boxes of Nickel N.° 35. 36. 37
Evans & Askew 57 50
2560 2044
2525 952 70 35
2590

1 box of Nickel N.° 34
Evans & Askew
2550 60–36
2502 947
Feby 14th. 7 casks of Nickel
N.os 97–103 from Charlton & Co
1945 63. 51. 33.
1918 70. 3 Rep.t
Feb 14 7 casks of Nickel N.os
104–110 from Charlton & Co
1945 70. 45.
1911 70. 15 45.
Rep.t

Feb 15 40 IIIe 1229 - 1268

1409 70.45

1370 24.7

Feb 17 27 IIIe 1269 - 1295

1410 77.35

1325 23.7

Feb 18 39 IIIe 1296 - 1334

1410 75 40

1350 23.8

Feby 19 36 melts 1335 - 1370

1435 76 - 40

1403 25.3

Feb 20 42 IIIe 1371 - 1412

1420 80

1385 24.9

Feb 21 ~~42 IIIe~~ 1413 - 1455

1410 68 - 60

1367 24.6

Mar 10th 35 Mells 1454 – 1490

1420 75 – 55

1385 24.h

Mar 11th 32 Mells 1491 – 1532

1441 h7 – 58

1386 24.8

Mar 12 3h mts 1533 – 1568

1401 67 – 50

1370 24-b

Mar. 13th 18 Mts 1569 – 1586

1334 Record 70.50

1345 Assay 24.2

March 14th 16 Mts 1587 – 1602

1385 77 – 50

1325 23-65

Mar 16 10 Mells 1603 – 1612

1400 70-56

1345

24 –

Mar 17th 18 melts 1613-1631

1400 54 Si hr

1385 24 h

Mar 18th 13 Melts 1631-1643

1410 8.5-13.5

1382 24.8

Mar 19 15 Mts 1644-58

1345 30-34

1305 24.6

Mar 20th 18 melts 1659-1679

1390-

1350 24.2

Mar 23 27 Mts 1677-1703 2 days

1388 59. 50

1345 24.5

Mar 24 17 Mts 1704 < 1720

1360 30 42

1320 24.5

Mar. 17th 1898 3 boxes of Nickel
Excens & Asper No. 1-3-4 W

2575 44.1 \ 40

2522 95.9 car. lens 40 - 22.5

95

2575 62 - 47

2525 95

2611 Iron Sh 1.5 1.5

2540 95.3 94.5

5 Boxes of Nickel (Robbins

No. 1 - 2 - 3 - 4. 5

2650

2595 97 9625 Car lens 36/20

2600 96.4 Silen 80 - 50

2645

2590 96.8 2 x 70 - 40

Mean 96.5

Mar 25th 18 Wks 1721- 1738

1387 31.42

1285 24

March 25th 16 Wks 1739- 1754

1425 47- 44

1400 24.8

March 27- 17 Wks 1755- 1771

1425 65-60

1390 24.9

Mar 28 14 Wk 1772- 1785

1425 70-60

1385 24.7

Mar 30- 14 Wks 1786 1794

1440 -1390 - 24.8

Mar 31st 18 Wks 1795- 1812

1395

1340 24.4

70-

1 Box of Nickel N: h Robbins

2430 103 65-38

37

14 4

2542 945 by lime cal

2575 37.52 Wh cal

2525 94 65 - 40

40

31

136

April 2° 17 Me 1813 - 1829

1370 24.4 85 - 43

April 3° 17 Mts 1830 - 1846

[redacted] 77 - 42

1345 24.2

April 4 17 Mts 1847 - 1863

4 11 1864 1874

1435

1388 24.6

April 7. 17 1875 - 1891

1429 18 1892 909

1380 24.8

April 10 18 1911 - 1927

1340 1928 - 1942

1310 24.3 40 - 32

April 13 18 & 10 1943 - 1990

1405 77-48

1389 24.7

April 15 - 27 Mlls 1971 - 1997

1405 1465 1350

1365 24.5

April 16 35 Mls 1998 - 2032

1505 120 28 men

1425 24.9

Apr 17th 36. Mls 2033 - 2067

1370 49 - 41

1345 24.7

April 18th 37 Mells 2068. 2104

1440 70 - 34

1355 24.6

1355

April 20th 26 Wks 2105 – 2180

1420 75 – 48

1385 – 24.8

April 21st 55 Wks 2131 – 2185

1430 80 42

1385 24.8

April 22 56 Wks 2186 – 2241

1496 115 – 37 152

1428 25

April 23 – 55 Wks No. 2242 – 2296

1460 115

1432

April 22 9 Casks of cubical Nickel from J. Wharton No.

1995 72 – 33

~~1955~~ 72.2 excal 26

145

2020

1950

April 24th 52 Melts No. 2297–2348

1460 106–35–

1390 24.6

April 25th 56 2349–2404

1475 105–36

1405 24.8

April 27 42 Mts 2405–2446

1430

1405 24.8

April 28 55 Mts 2447–2501

1510 105–36

1450 25.7

April 29th 56 Mts 2502–2557

1485 101

1442 25

April 30th 27 Mts 2558–2584

1470 101–31

1428 25.4 Rest. 25

for other Assay of this see back of the book

9 casks of Nickel Mon from J. L Charton

2040 72.8 59

1971 72.6

2005 1955 72.5 75 28

May 1st 27 Mts 2585 - 2611

1495 112

1451 24.9

May 2d 35 Melts 2612 - 2646

1489 11

1412 24.8

May 4th 39 Mts 2647 - 2685

1480 114 36

1431 25-2 Ref 24-8

May 5 24 Melts 2686 - 2709

1490 95-30

1405 24.9

May 6 24 Melts 2710 - 2733

1490 1425 24.8

May 7th 23 Melts 2734 - 2756

1430 291 92 - 30

1372 24-3

May 8 23 Mts 2757 - 2779

1435 105

1392 244

May 9th 27 Melts 2780 - 2806

1460 133 - 30

1410 243

May 11th 41 Mts 2807 - 2847

1445 105 - 36

1430 25

May 12 55 Mts 2848 - 2902

1490 105 - 36

1435 25.1

May 13 - 48 Mts 2903 - 2950

1500 1430 125 - 31 - 14

1470 1370 40 - 35

24.5

May 9th/18 9 Casks of Cube Nickel from Wharton & Co
Nos 153 — 161

1975		74	32
1935	71-2	Cor limit	35
1950		ox cal	19.6
1910	70.6		

May 14th 51 Melts 2951 - 3001

1480		105	
1424	25		

May 16th 40 Melts 3002 - 3041

1455		120	
1395	24-3		

May 18th 28 Melts 3042 - 3069

1485		125	
1435	24-8		

May 19 41 Melts 3070 - 3110

1485			
1425	24.7		

May 20th 1868 4 casks of Nickel
Nos 162-165 from Wharton &c
1995 1968 69- 108-30
1905 1905- ox cal 12.3
May 20th 1868 8 casks of Ni
Nos 166.-173 from Wharton &c
2080 Car limn 22) 105-39
2000 (72.5) ox cal 12,3
May 20th 15 1865. 3111- 3125
1435 130-35
1400 24,1
May 21st 36 1865 3126-3161
1505 117
1435 24.9
May 22d 42 1865 Nos 3162 & 203
1370 50-29
1342

May 23 42 Mts 3264–3245
1460 120–30
1400 24.h
May 25 1491bs 3246–3259
1360 1450 125
1290 1405 24.4
May 26th 35 Mbs 3260–3294
1495 125–40
1420 24.5
May 27–36 Mbs 3295–3330
1530 142 35
1460 25.0
May 28 41 Mbs 3331–3371
5 Grammes
1820 130–35
1745 24.6 24.7 Rep
May 29 42 Mbs 3372–3413
1485 115
1460 24.3

May 30th 40 Nos 3414, 3453
1440 108
1405 24.h
June 1 14 Melts Nos 3453-3407
1435 97- 35
1390 24.h
June 2 12 Melts 3418-3479
1495 130- 35
1440 24.8
June 3
1495
June 5th 10 casks of nickel
from J. Whalon Nos 174.—180

June 3d 38 Melts 3480 - 3517

1495 115 - 35

1480 25.2 118 - 3[illegible]

June 4th 38 Melts 3518 - 3553

1480

1430 24.9

June 6th 10 casks of Nickel

Nos 174 - 183 J. Charlton

2066 124 - 38

2016 72.4

2d 2120 125 - 38

2053

2090 118 - 38

2035 73 - 3 Rpt 73 -

June 15th 36 Melts 3554 3589

1490 115 - 33

1418 24.9

Pesée 17 25 Mts 3590 – 3614

1505 120 – 35

1413 24,8

Pesée 18 24 Mts 3615 – 3638

1485 120 – 35

1420 24.8

Pesée 19 24 Mts 3639 – 3662

1485 128 – 35

1445 25 —

Pesée 20 24 Mts 3663 – 3686

1445 103 —

1405 24.8

Pesée 23 30 Mailles 3687 – 3716

1495 140 – 35

1440 24.9

Pesée 26 40 Mts 3717 – 3756

1480 ? 115 – 35

1426 24.9

June 29th 28 Mls 3757 - 3784

1490 120 -

1410 24.7

June 30th 42 Mls 3785 - 3826

1485 115 - 35 - 12

1435 25

July 1st - 27 Mls 3827 - 3853

1470 105 - 35 - 12

1415 24.8

July 2d 25 Miles M. 3854 - 3878

1500 130 - 35 - 12

1440 24.9

July 6th 40 3879 - 3918

1550 130 - 35 - 12

1450 25.

July 8th 33 Mls 3919 - 3951

1495 121 -

1430 25 -

July 9th - 21 Mlts 3952-3972
1470 110
1415 24.9
July 10 - 22 Mlts 3973-3994
1470 122 35
1435 25.1
July 13 - 37 3995 - 4031
1485 120 -
1437 25.1
July 14 - 20 4032 - 4051
15 - 21 4052 - 4074
1500 120 41-12
1457 25.2
July 18th 44 Mlts 4075 - 4118
1480 120 - 35.
1427 24.9
July 20th 39 Mlts 4119 4157
1495 115
1440 25.2

July 14th 6 boxes of Nickel

Nos 202 - 217 99 - 29

2072 Lime 18 Ca 21 5/16

2043 or cal 8.96

7572

2 2095

2044 75,28

July 17th 6 boxes of Nickel

Nos 208 - 213

2082 2065 117 - 30

2007 2015 7405 100 - 33

2065 107 - 42

2027 7319

lime but a trace

8 casks of Nickel from Wharton & Co 218 - 223 July 20th 1868

2087 115 - 38

2055 74.9

2085 101 - 32

2030 74.7

July 23 44 Melts 4158-4201
1415 115

1430 25.2 4202-4248

July 24 47 4202-4248

1820

1715 25.2

July 25 24 4249-4272
1500 132 20

1415 25.

July 28 38 4273-4310
1490 13. 8-11 5 120-35

1430 25.2

July 30 51 4311-4361
1490 180

1430 25

Aug 1 51 5-2 melts 4362-4413
1475
1415 248

July 29th 2 boxes of Grain

Nickel No Mark Silex 8 ## / 4

2731

2586

2710 lines 31 car 37 Li 135. 31

2665 iron 12 - 25 ox of calci 14
97.78

2695 18 Li 122 - 29

2635 97.39

5
2640

lines 35 car 40
20
iron 20 12

2700 120 - 30

2635 97.3 Resp 97.5

Aug 4th 52 IIIlb 4414 — 4415-

1415 114. 32

1420 25.1

Aug 5th 40 IIIlb 4415 — 4505-

1470 120

1432 25.2

Aug 6 40 IIIlb 4505 — 4545-

1490 130

1431 249

Aug 7th 41 IIIlb 4541 — 4581

1475 28/16 120 — 35

1408

12

1420 249

Aug 8 40 IIIlb 4587 4626

1470 1476 3625.

1430

Aug 11 " 4627. 4692

1480 141 — 38

1422 247

Aug 7th 9 Boxes of Nickel
(Cable) Nos 1–9 Fleetman
Jos Wharton 1.: 9s.

1960 80–23
1920 3 line 10–Ca 15–8.
1990 71-6 98 33
1935 71-2
5.
Rehatin 71-4

Aug 13th 6 Boxes Nickel
Evans & Asker W 43.4.7.8.9
1950 98-20 16 for cal
Car line 25-21-12
2620
2570 25
2660 125-27 27
2610 96.7
2655 123 - 27
2600 2607 96.6
7
96.8
2680 2620

Aug 12th 38 Melts 4693-4730
1470 132-35
1415 24.7

Aug 13 40 Melts 4731-70
1490 120-35
1430 25

Aug 14th 39 Mlts 4771-4804
1425
1375

Aug 15 40 Melts 4810-4849
1475 135 35
1415 2405

Aug 18, 70 Mlts 4850-4919
1505 150-35
1445 20 Work 5- 248

Aug 19th 42 4920-4961
1490
1432 25

Aug 20th 39 4962 5000

1470 125. 25

1390/3 24.6

Aug 21 40 5001 5040

1810 148. 33

1765 24.9

Aug 22d 42 Mels 5041 5082

1470 116. 35

1415

Aug 24th 37 Mels 5083 5119

Sept 1810 148. 33

1700/65

1765 24.9

Aug 21st 6 Boxes of Cubes
Nickel Nos 1. 2. 3. 4. 5. 6

2020 125-27

1970 71-5

Aug 22 9 boxes of Nickel
Nos 7— 15

2050 118 32

2002 72.8

2055 110-

2005 73.3

Aug. 26th .... 4 boxes 46-47. 48.50
Mint-mark 19. 21. 22. 24
(3 cubes each)

2180 2170 115.41

2116 2122 120.30

2125 77.1-77.5

Aug 26 8 Boxes of Nickel

Nos 7. 8. 9. 10. 11. 12. 13 & 64

Mint Nos 16. 17. 18. 20. 23. 25. 26. 27

2023 2015 108.34

2985 2975 110-26

72.5 72.4

Aug 29th 22 Boxes of Nickel

Nos 28 to 49 inclusive

2095 74.96 115.28 115
25
5
148-
5 lb

2045 Same as Col 5

2095 114 Same as above

2035 16 sent Same as above
10 12
2045 96 Reported 75 per cent

Sept. 15th 14 Melts Nickel

1500 Nos 5110 – 5123

1436 – 1437 24.5 160–3

Sept. 17 42 melts 5124 – 5165

1515 153 – 38

1460 25

Sept. 18 28 melts 5166 – 5193

1460 155

1435 247

Sept. 24th 24. Melts 5194, 5217

1430 100

1390 247

Sept. 28. 14 lbs 5218 – 5231

1479 100

1370 243

Sept. 29 – 27 lbs 5232 – 5258

1470 110 40

1430 25

Sept. 30 22 Mts. 5259 – 5280

1460 100

1415 25

Oct. 1st 26 Mts. 5281 – 5306

1455 ~~26 melts~~ 100 – 40

1380

Oct. 2d 28 Mts. 5307 – 5334

1450

1390

Reasny of

1445 100

1395 24.7

Oct. 8 9 Melts 5335 – 5343

1485 100

1423 25.1 "

Oct. 15th 19 Melts 5344 – 5362

1470

1460 24.8

Oct. 16th 28 Wells 5363–5390

1485 95

1395 24.8

Oct. 17 24 Wells 5391–5414

1440

1370 1388 24.5

Oct 19 12 Wh. 5415–5426

1475

1425 25

Oct. 20 42 Wh. 5427–5468

1440 100

1405 24.9

Oct. 21 42 Wh. 5469–5510

1485 112 35

1410 24.8

Oct. 22 42 Wh. 5511–5553

1420

1375 24.5

Oct. 23 42 Mls 5353–5394

1440

1400 24.9

Oct. 24 40 Mls 5395–5434

1450

1405 25

Oct. 25th 28 Mls 5435–5462

1430

1390 24.68

Oct. 27 42 Mells 5463–5704

1420 105 35

1398 24.9

Oct. 28th 39 Mls 5705–5738

1405 93 35

1385 24.7

Oct. 29 35 Mls 5739–5773

1430

1400 24.9

Oct. 30 3h Wells 5774–5809

1430 110–35

1395 24.8

Oct. 31 2y Wells 5810–5836

1420 110–35

1395 24.7

Nov. 2 28 Wells 5837–5864

1420

1400 24.8

Nov 4 38 Wells 5865–5902

1405

1380 24.6

Nov 5 29 Wells 5903 5931

1405 90–35

1380 24.6

Nov. 6 37 Wells 5932–5968

1435 107–37

1406 24.9

Nov 7th 35 Nos 5949 — 6003

1435 100 — 340

1420 25.1

Nov 8th 5 32 boxes of Nickel

Nos 50 — 81 inclusive

Assay of the above except

Nos 70 — 81

1998 80 — 27

1970 73-3

2025

1990 103 — 34

729

Two boxes Nos 70 — 81

2028 103 — 38

2025 78-6 Seventy three, Six

Nov 9th 28 Wks 6004 - 6031

1420

1395 24.8

Nov 10 27 Wks 6032 - 6058

2441

1390 24.7

Nov 9th 4 boxes Nickel N° 1-2.3.4

Wharton Regular N° 82 to 85 inclu

2485 86 - 37

2020 74.6

2109

2037 75.1 748 92. Rept 74.8

Nov 11 28 Wks 6059 - 6086

1425 100

1390 24.7

Nov 12th 25 Wks 6087 - 6111

1435

1390 24.7

Nov. 13 28 Mets b112 - b139

1425

1390 24.7

Nov 14 28 Mts b140 - b167

1445

1390 24.7

Nov. 16th 14 Mts b168 - b181

1430 100 - 46

1400 24.8

Nov 20 28 Mts b182 - b209

1455 Two days

1405 97 - 38

25

Nov 23 - 21 Mets b210 - b230

1440

1400

24.9

Nov. 25 28 Melts 6231 – 6258

1440

1410 24.9

Dec. 2 48 Melts 6259 – 6306

1440

1395 24.8

Dec. 5th 27 Melts 6307 6333

1450

1420 25.

Dec. 8th 30 Melts 6334 = 6364

1444

1420 25.

Decr. 9th 20 Melts 6365 = 6384.

1480

1396 24.8.

Decr. 10th 20 Melts 6384 = 6403

1460

1415 25.

Decr. 11th 24 Melts 6404 to 6427

1465 102 Silex 35 Iron

1415 25.

Decr. 12th 27 Melts. 6428 to 6454

1430

1395 24.8

Decr. 14th 14 Melts. 6455 to 6468

1465

1425 25.2

Decr. 15th 28 Melts 6469 to 6496

1470 112 Silex 35 Iron

1416 24.9

Decr. 19 28 Melts 6497 to 6524

1460 110 Silex 35 Iron

1420 25.

Decr. 22nd 21 Melts. 6525 to 6545

1470 105 Silex 40 Iron

1414 25.

Decr. 28. 26 Melts 6546 to 71

1460 112 Silex

1435 25.1

Decr. 29th 28 Melts. 6572 to 6599

1365 45 Silex 25

1340 24.9

Decr. 30th 28 Melts 6600 to 6627

1500

1435 25.1

January 2nd 23 Melts. 6628 to 6650

1460 1450 97-40

1410 1410 25.1

25

Aluminium —

By Mr Longacre

Small bar from former workings — gr. 2.10

3 small bars — 5.54

bars - rec'd Feb 6.00

13.64

after melting 13.33

.31.

Ingot delivered to Mr Longacre — 11.31

Clippings returned 4.11

7.21

Total — 2.02

3 bars — 4.74

Clip 3.42

8.16

Ingot deliv 7.00

1.16

Jany 25th 1848

Mellin & Refiners Nickel

Ingots from grains

4 grm
1920

1830 29.h

2325

2250 37.h 4.3

Clippings from scr
ings ots Middle Section.

1445 80 5

1421 25:4

1422 72 48

1375 24.h

Sweepings from the roof
goth
5 Grm 29h. Silver 84

1335 Second determination

Nic 18.4 110 - 36

Gold 5:92

1170

26.02

2028
141
1884
80
15072
2157
14721
7364

143
38
1141
33-3
79.9
2

Manganese

Iron 560

Mangan 190

Lead 150

Water 140

980

135 Melts of Bronze

11 & 11 of Feb 1868 — 208 - 342

425 lbs ore tin — 3.3/10 Tin

Feb 23: 48 Melts — 343 - 396

Tin 3.2

Feb 24-25 — 123 Melts — 391 - 513

202

3.1

Feby 26th — 64 Melts — 514 - 577

200

3.

Feby 27 — 60 — 578 . 637

198

3.0

Feb 28 — 52 — 638 . 689

3.04

Feby 29 — 49 — 690 - 738

Tog 393

3.04

March 2d — 32 Melts — 739 - 770

200 ore —

Tin 3

Zinc from 391 - 770 melts

140

14

126

Metallic Zinc

2 hours

Mar 3 12 Hrs 771 — 832

192 2.9

Mar 4 55 Hrs 833 — 887

190 2.9

April 24th 1868

Assay of 4 Jars of Nitrate of Silver for Mellin & Repsmer

			Cubic in
No 1	19¾ Ounces	18m	5513.40
2	1st	19	5819.70
3		12	3675.60
			15008 70
4			5444. 85

1st 200 Gram precipitated salt

Salt 9.306

2. 200 Gram 30,948 m 99.51 "

Humid Assay of the same

10 Grm	540 fine Silver	1034	474
1 Grm	900	1045	145
10 Grm	530	1006	476
6 Gr	250	1031	

N°1. 200 Grms F. Silver 29.938.

Thelogramm 1,4969

Gram

N°2 200 - 99.51 Thl 4,9758

N°1 by Reduction 371.20 { 374.5 / 374.97

2 Assays F. Humid Assay

N°2 by Reduction 461-50

Humid Assay

Quarter of Nickel May 6th

4 Gram 4015 Silver 95

3848 Iron 52

147

42.78 Deduction

4

12.38

Cop 25.1 hu

1220

1286

12.81

Silver 24

Illus 5 by Melts of Bronze

Nos 888 — 957

5 58 " 958 1022

7 50 1023 — 1070

9 - 28 1071 — 1098

May 15 89 1099 — 1187

June 6 57 1188 1244

" 8 41 1245 - 1285

" 9 50 1286 - 1345

1485 1120

860

Galena (Blue lead) by Nitrobolic

2000 — 1440 lead 37½ Silver

Sample of Nickel by the Treasure

2710 2705 Silver 20

2580 2590 103.28

95.7 or calc 19.6

Melt in the laboratory from

4 casks by me —

1485 125.35

1428 24.94 or calc by 24

Spec of Nickel by Director

Melt in the laboratory 8 casks

72.5 lbs each

1480 130 — 35

1430 24.65

Assay of Nickel for the
Director 2695 - 1118-35
2615 - 96.1 ox cal 18

Two samples from
Baltimore

No 1 Cubical Silex 72

2500 Sil 3-3 Silex 115-147

2505 Iron 6-2 Mang[e] 30 Mn

86.3 Cob 2.2 Cob filter & Sulphides

Car lime 40 - 19.6 50 - 30

No 2 fused Nickel or Granules

2180

2085 Silex 115-90

73,15 Copper.

lime 30.

Sohm

Sulphide & carbonate of Copper
in Siliceous rock

5000 Silex 3515 = 70 p.c.

1205 Silex 102

120

Sulphide of iron sent
to be tailings from
lode in Colorado

No 1. 100 Gms yielded 840 m
of fine metal 659 fine Gold
181 Silver twice $39.73 G 72 Sil
50 Gm of the same by Amalga
mation 110 m fine metal

No 2 100 Gm 86 m

100 4
$6.10
7 1/4 6.10
$12.20

Gold $4.31 Sil 5.90

No 3 100 Gr. 27 - 20 fine

$120.60 in Gold

No 1 about 202 cts per ton 2.80 Silver

Amalgamation 61 cts per ton

The wash water from Ore Ni
evaporate until dry. if any solid
matter dissolve with a few drops
of Muriatic acid, dilute, precipi
tate with caustic potash. wash
& note the weight, dissolve with
muriatic acid add a little Ammo
nia if Nickel will be slightly blue
iron will be converted into an oxide
collect on a filter the difference ~~to~~
between the first & last will be nickel
13 first 8 Second difference = 5.

Sept. 2 1865 Assay of
30 Melts of fluxed grains
from Nickel melting
from N°. 1 to 30 inclusive -
4 Grms 1550 130 248 mm
1495 22.05 Iron 42
Sept. 2 One Melt furnace
grains Nickel melting Marked
29 & 4 Grammes.
1650 135 60
1560 26.84 Iron Spark

496
64

Sept. 3d 16 melts of fluxed grains from nickel melting Nos 31 – 46 inclusive

15-50 155 - 195

1445 21.6 Iron 3.4

1530

1430

Sept 8 28 Melts of Bronze

Nos 1345 – 1373 205 Tin

Sept 9. 28 1374 - 1401 200

" 10 28 1402 - 1429 200

" 11 28 1430 - 1457 203

" 12 28 1458 - 1485 203

" 14 14 1486 1499 204

Combined 202-6 13½ Iron

Zinc 130-24 1/10

Oct. 3 40 Lbs 1500 - 1539

5th 28 " 1540 - 1567

Tin 202

Oct. 6 55 Melts Bronze

1518 – 1622 Tin 202

Oct. 7 56 Mts. 1623 – 1678

203

Oct. 8 48 1679 – 1726

Tin 200

Combined Zinc 140 = 23 1.9/10

Nov. 17th 47 Mts 1727 – 1773

Tin 202

Nov 18 48 Mts 1774 – 1821

202

Dec. 3 ~~60~~ 1822 – 1881

205

Dec. 4 46 1882 – 1927

Combined Zinc 144 = 25

Metallic Zinc 1.9

December 17th 61 Mts. 1928 – 1991

Tin 205

Coal

5000

2750

2250

240

340

170

365

564

2 f cof